

# 23Aug2010 Tri-Agency Mission Scientist Report - Scott Braun

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- [Gaston](#)

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## **Mission synopsis: August 23, 2010**

**NOAA IFEX** has no flights planned in the next 24 h. They will be watching developments in the Gulf of Mexico to determine if flights on Wednesday and Thursday, August 25-26, are warranted. A Wednesday flight would take off near 20 UTC. Currently they are planning to forward deploy to Barbados on Friday, August 27.

**NASA GRIP** will fly a DC8 survey along the weak frontal zone on Tuesday, August 24, to perform a pre-genesis or microphysics module. Take off time is currently set as 14 UTC in order to perform underflights of the TRMM PR and Aqua. The pre-genesis module includes a lawnmower pattern with longer legs oriented normal to the frontal zone. If a mesoscale vortex forms by Wednesday morning, NASA will conduct another flight that day, with a square spiral centered on the vortex. A flight on Thursday will be done if possible genesis conditions persist. There will be no Global Hawk or WB-57 science flights prior to Thursday, Aug. 26.

**NSF PREDICT** has no flight planned for Tuesday, August 24. A possible flight for August 25 is to be determined.

Refer to <http://grip.nsstc.nasa.gov/reporting/> for a spreadsheet showing these plans.